

INFORMATION DISCLOSURE CITATION

PTO-1449

 ATTY. DOCKET NO.
A-69235/DJB/RMS/DCF

 SERIAL NO.
09/553,993

 APPLICANT
GUNDERSON et al.

 FILING DATE
April 20, 2000

 GROUP
1643

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U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS		PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
<i>W</i>	1	4,822,746	4/1989	Walt			
	2	5,002,867	3/1991	Macevicz			
	3	5,114,864	5/1992	Walt			
	4	5,105,305	4/1992	Betzig et al.			
	5	5,143,853	9/1992	Walt			
	6	5,028,545	7/1991	Soini			
	7	5,244,636	9/1993	Walt et al.			
	8	5,244,813	9/1993	Walt et al.			
	9	5,250,264	10/1993	Walt et al.			
	10	5,252,494	10/1993	Walt			
	11	5,254,477	10/1993	Walt			
	12	5,298,741	3/1994	Walt et al.			
	13	5,320,814	6/1994	Walt et al.			
	14	5,496,997	3/1996	Pope			
	15	5,512,490	4/1996	Walt et al.			
	16	5,573,909	11/1996	Singer et al.			
	17	5,633,972	5/1997	Walt et al.			
	18	4,499,052	2/1985	Fulwyler			
	19	5,690,894	11/1997	Pinkel et al.			
	20	5,194,300	3/1993	Cheung			
<i>W</i>	21	5,132,242	7/1992	Cheung			

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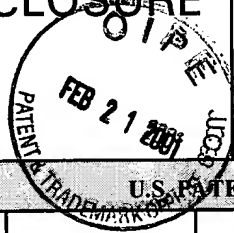
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<i>h</i>	38	5,494,798	2/1996	Gerdt et al.			
	39	5,565,324	10/1996	Still et al.			
	40	5,516,635	5/1996	Ekins et al.			
	41	5,900,481	5/1999	Lough et al.			
	42	5,888,723	3/1999	Sutton et al.			
	43	5,380,489	1/1995	Sutton et al.			
	44	5,840,256	11/1998	Demers et al.			
<i>h</i>	45	5,854,684	12/1998	Stabile et al.			

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EXAMINER'S INITIALS		PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							Yes	No
<i>h</i>	46	0 478 319	4/1992	EP				
	47	0 269 764	6/1988	EP				
	48	93/02360	2/1993	PCT				
	49	89/11101	11/1989	PCT				
	50	97/14028	4/1997	PCT				
	51	0 723 146	7/1996	EP				
	52	98/40726	9/1998	PCT				
	53	0 392 546	10/1990	EP				
	54	98/53093	11/1998	PCT				
	55	97/40385	10/1997	PCT				
	56	98/53300	11/1998	PCT				
	57	96/03212	2/1996	PCT				
<i>h</i>	58	99/60170	11/1999	PCT				

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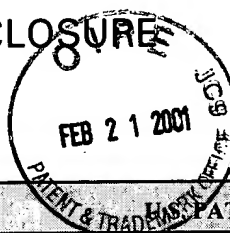
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fr	59	97/14928	4/1997	PCT				
	60	98/50782	11/1998	PCT				
	61	99/18434	4/1999	PCT				
	62	00/13004	3/2000	PCT				
	63	00/16101	3/2000	PCT				
	64	00/04372	1/2000	PCT				
IV	65	99/67414	12/1999	PCT				

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fr	66	Ferguson et al., "A Fiber-Optic DNA Biosensor Microarray for the Analysis of Gene Expression," Nature Biotechnology, 14:1681-1684 (1996).
	67	Healey et al., "Improved Fiber-Optic Chemical Sensor for Penicillin," Anal. Chem. 67(24):4471-4476 (1995).
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IV	73	Walt, "Fiber-Optic Sensors for Continuous Clinical Monitoring," Proc. IEEE, 80(6): 903-911 (1992).

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77	Peterson, J. et al., "Fiber Optic pH Probe for Physiological Use," Anal. Chem., 52:864-869 (1980).
78	Pope, E. "Fiber Optic Chemical Microsensors Employing Optically Active Silica Microspheres," SPIE, 2388:245-256 (1995).
79	Strachan et al., "A Rapid General Method for the Identification of PCR Products Using a Fibre-Optic Biosensor and its Application to the Detection of Listeria," Letters in Applied Microbiology, 21:5-9 (1995).
80	Abel et al., "Fiber-Optic Evanescent Wave Biosensor for the Detection of Oligonucleotides," Anal. Chem. 68:2905-2912 (1996).
81	Piunno et al., "Fiber-Optic DNA Sensor for Fluorometric Nucleic Acid Determination," Anal. Chem., 67:2635-2643 (1995).
82	Drmanac, R. et al., "Sequencing by Oligonucleotide Hybridization: A Promising Framework in Decoding of the Genome Program," The First International Conference on Electrophoresis, Supercomputing and the Human Genome, Proceeding of the April 10-13, 1990 Conference at Florida State University. Ed. C. Cantor and H. Lim.
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87	Fuh et al., "Single Fibre Optic Fluorescence pH Probe," Analyst, 112:1159-1163 (1987).
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90	Hirschfeld et al., "Laser-Fiber-Optic 'Optrode' for Real Time In Vivo Blood Carbon Dioxide Level Monitoring," Journal of Lightwave Technology, LT-5(7):1027-1033 (1987)
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				FILING DATE April 20, 2000		GROUP 1643		
U.S. PATENT DOCUMENTS								
EXAMINER'S INITIALS		PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE	
M ✓	1	5,474,895	12/1995	Ishii et al.	435	6		
R ✓	2	5,610,287	3/1997	Nikiforov	435	6		
FOREIGN PATENT DOCUMENTS								
EXAMINER'S INITIALS		PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							Yes	No
A ✓	3	99/67641	12/1999	WO				
	4	00/39587	7/2000	WO				
	5	00/47996	8/2000	WO				
	6	00/48000	9/2000	WO				
	7	00/63437	10/2000	WO				
	8	00/71243	11/2000	WO				
	9	00/71995	11/2000	WO				
	10	00/75373	12/2000	WO				
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M ✓	11	Shoemaker et al., "Quantitative phenotypic analysis of yeast deletion mutants using a highly parallel molecular bar-coding strategy," Nature Genetics, 14:450-456 (1996).						
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